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PATENT APPLICATION: US/09/623,006B

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3 <110> APPLICANT: UNIVERSITY OF CINCINNATI et al
5 <120> TITLE OF INVENTION: ANTIOXIDANT PEPTIDES
7 <130> FILE REFERENCE: 10738-17 PCT
9 <140> CURRENT APPLICATION NUMBER: US 09/623,006B
10 <141> CURRENT FILING DATE: 2000-08-24
12 <150> PRIOR APPLICATION NUMBER: PCT/US99/06580
13 <151> PRIOR FILING DATE: 1999-03-25
14 <150> PRIOR APPLICATION NUMBER: US 60/080,131
15 <151> PRIOR FILING DATE: 1998-03-31
17 <160> NUMBER OF SEQ ID NOS: 13
19 <170> SOFTWARE: PatentIn Ver. 2.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 30
23 <212> TYPE: PRT
24 <213> ORGANISM: Apolipoprotein A-IV
26 <400> SEQUENCE: 1
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28   1           5           10           15
30 Gly Thr Gln Ala Glu Val Thr Ser Asp Gln Val Ala Asn Val
31   20           25           30
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36 <211> LENGTH: 84
37 <212> TYPE: PRT
38 <213> ORGANISM: Apolipoprotein A-IV
40 <400> SEQUENCE: 2
41 Met Trp Asp Tyr Phe Thr Gln Leu Ser Asn Asn Ala Lys Glu Ala Val
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44 Glu Gln Leu Gln Lys Thr Asp Val Thr Gln Gln Leu Asn Thr Leu Phe
45   20           25           30
47 Gln Asp Lys Leu Gly Asn Ile Asn Thr Tyr Ala Asp Asp Leu Gln Asn
48   35           40           45
50 Lys Leu Val Pro Phe Ala Val Gln Leu Ser Gly His Leu Thr Lys Glu
51   50           55           60
53 Thr Glu Arg Val Arg Glu Glu Ile Gln Lys Glu Leu Glu Asp Leu Arg
54  65           70           75           80
56 Ala Met Val Ile
61 <210> SEQ ID NO: 3
62 <211> LENGTH: 10
63 <212> TYPE: PRT
64 <213> ORGANISM: Apolipoprotein A-IV
66 <400> SEQUENCE: 3
67 Met Leu Pro His Ala Asn Lys Val Ser Gln
68   1           5           10

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74 <212> TYPE: PRT
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81 Ala Thr Asp Leu Gln Ala Gln Ile Asn Ala Gln Thr Gln Asp
82   20             25             30
86 <210> SEQ ID NO: 5
87 <211> LENGTH: 11
88 <212> TYPE: PRT
89 <213> ORGANISM: Apolipoprotein A-IV
91 <400> SEQUENCE: 5
92 Met Lys Arg Gln Leu Thr Pro Tyr Ile Gln Arg
93   1             5             10
97 <210> SEQ ID NO: 6
98 <211> LENGTH: 15
99 <212> TYPE: PRT
100 <213> ORGANISM: Apolipoprotein A-IV
102 <400> SEQUENCE: 6
103 Met Gln Thr Thr Ile Gln Asp Asn Val Glu Asn Leu Gln Ser Ser
104   1             5             10             15
108 <210> SEQ ID NO: 7
109 <211> LENGTH: 15
110 <212> TYPE: PRT
111 <213> ORGANISM: Apolipoprotein A-IV
113 <400> SEQUENCE: 7
114 Met Val Pro Phe Ala Asn Glu Leu Lys Glu Lys Phe Asn Gln Asn
115   1             5             10             15
117 <210> SEQ ID NO: 8
118 <211> LENGTH: 45
119 <212> TYPE: PRT
120 <213> ORGANISM: Apolipoprotein A-IV
122 <400> SEQUENCE: 8
123 Met Glu Gly Leu Lys Gly Gln Leu Thr Pro Arg Ala Asn Glu Leu Lys
124   1             5             10             15
126 Ala Thr Ile Asp Gln Asn Leu Glu Asp Leu Arg Ser Arg Leu Ala Pro
127   20             25             30
129 Leu Ala Glu Gly Val Gln Glu Lys Leu Asn Ile His Gln
130   35             40             45
133 <210> SEQ ID NO: 9
134 <211> LENGTH: 7
135 <212> TYPE: PRT
136 <213> ORGANISM: Apolipoprotein A-IV
138 <400> SEQUENCE: 9
139 Met Glu Gly Leu Ala Phe Gln
140   1             5
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153   1           5           10           15
155 Asp Gln Leu Gln Lys Asn Leu Ala Pro Leu Val Glu Asp Val Gln Ser
156           20           25           30
158 Lys Leu Lys Gly Asn Thr Glu Gly Leu Gln Lys Ser Leu Glu Asp Leu
159           35           40           45
161 Asn Lys Gln Leu Asp Gln Gln Val Glu Val Phe Arg Arg Ala Val Glu
162           50           55           60
164 Pro Leu Gly Asp Lys Phe Asn
165   65           70
169 <210> SEQ ID NO: 11
170 <211> LENGTH: 6
171 <212> TYPE: PRT
172 <213> ORGANISM: Apolipoprotein A-IV
175 <400> SEQUENCE: 11
176 Met Ala Leu Val Gln Gln
177   1           5
181 <210> SEQ ID NO: 12
182 <211> LENGTH: 33
183 <212> TYPE: PRT
184 <213> ORGANISM: Apolipoprotein A-IV
186 <400> SEQUENCE: 12
187 Met Glu Lys Phe Arg Gln Gln Leu Gly Ser Asp Ser Gly Asp Val Glu
188   1           5           10           15
190 Ser His Leu Ser Phe Leu Glu Lys Asn Leu Arg Glu Lys Val Ser Ser
191           20           25           30
193 Phe
198 <210> SEQ ID NO: 13
199 <211> LENGTH: 37
200 <212> TYPE: PRT
201 <213> ORGANISM: Apolipoprotein A-IV
203 <400> SEQUENCE: 13
204 Met Ser Thr Leu Gln Lys Lys Gly Ser Pro Asp Gln Pro Leu Ala Leu
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207 Pro Leu Pro Glu Gln Val Gln Glu Gln Val Gln Glu Gln Val Gln Pro
208           20           25           30
210 Lys Pro Leu Glu Ser
211           35

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VERIFICATION SUMMARY

DATE: 03/15/2002

PATENT APPLICATION: US/09/623,006B

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